Health & Education

From the Bay County Health Department	2010	2011	2012
Vaccine Doses Administered from the Immunization Program	5,981	5,412	6,538
Funds Spent Locally in Bay County from the WIC Program	\$1,823,803	\$1,875,204	\$1,825,009.50
Project Fresh Coupons Distributed	1,950	199	3,555
Fixed Food Establishment Inspections by the Environmental Heath Division	657	701	822
Foodborne Illness Outbreak	I	6	9
Enrollees in the Bay Health Plan	5,653 Plan A 7,642 Plan B	7,492 Plan A 9,05 I Plan B	506 Plan A 1,227 Plan B
Sewage Overflows in Bay County by Total Volume of Discharge (in Million Gallons)	24.06	215.12	172.75
Total Exceedences of Safe Bathing Beach Standards	10	19	16
More detailed information can be found in the Annual Repor	ts on the Bay County	Health Department	website

Health & Education

In Bay County	2009	2010	2011
Number of Deaths in Bay County	1,112	1,114	1,173
Leading Cause of Death - Heart Disease	349	372	Data N/A
• 2 nd Leading Cause of Death - Cancer	269	246	Data N/A
 3rd Leading Cause of Death – Chronic Lower Respiratory Disease 	60	90	Data N/A
In Michigan	2009	2010	2011
In Michigan Number of Deaths in Michigan (rate per 100,000 citizens)	2009 86,310	2010 88,058	2011 87,925
Number of Deaths in Michigan (rate per 100,000 citizens)	86,310	88,058	87,925

Health & Education

Natality Trends in Bay County	2009	2010	2011
Live Births	1,184	1,169	1,137
Teenage Mothers	186	173	103
Low Weight Births (less than 2,500 grams or about 5.512 pounds)	104	86	91
Under 1,500 grams (Approx. less than 3.3 pounds)	12	18	20
Greater than 38 Weeks Gestation	1,080	1,065	(Data not available)
Prenatal Care Began in 1st Trimester	933	934	916
First Births	495	467	454

Infant Mortality in Bay County	2009	2010	2011
Infant Deaths	8	12	Data N/A



Education in Bay County	2000	2010	2011
Number of School Aged Persons in Bay County (Ages 5-19)	23,143	20,566	19,819
% of Population (over 25) with a High School Diploma or Higher	82.4%	87.7%	89.6%
% of Population (over 25) with a Bachelors Degree or Higher	14.1%	20.4%	18.8%

Education in Bay County by Public School District	Bangor Township Schools	Bay City Public Schools	Essexville Hampton Public Schools	Pinconning Area Schools
3 rd Graders Who Met or Exceeded Reading Requirements in 2012 (MEAP Testing)	54%	53%	75%	65%
3 rd Graders Who Met or Exceeded Math Requirements in 2012 (MEAP Testing)	40%	33%	50%	34%
2012 Graduation Rate (by Cohort) (Does not include Adult Ed. or AH. Ed.)	82.6%	76.3%	92.4%	76.9%
2012 Drop Out Rate (by Cohort)	6.9%	9.7%	5%	13.9%
Met 2012 Annual Yearly Progress (AYP) Elementary Schools in Reading / Math	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Met 2012 Annual Yearly Progress (AYP) Middle Schools in Reading / Math	Yes / Yes	Yes / Yes	Yes / Yes	No / Yes
Met 2012 Annual Yearly Progress (AYP) High Schools in Reading / Math	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Annual Report Available Online	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>

Health & Education

ACT College Readiness	2008-2009	2009-2010	2010-2011	2011-2012
	School Year	School Year	School Year	School Year
Bangor Township Schools				
EnglishReadingMathScience	•54.6%	•48.6%	•50.3%	•60.3%
	•36.6%	•39.9%	•33.5%	•45.3%
	•27.3%	•31.8%	•30.8%	•40.4%
	•22.4%	•24.3%	•21.6%	•29.2%
Bay City Public Schools				
EnglishReadingMathScience	•45.1%	•46.3%	•51.5%	•48.9%
	•34.6%	•36.5%	•43.2\$	•38.7%
	•23.4%	•23.7%	•25.9%	•25.5%
	•19.6%	•18.3%	•21.1%	•21.2%
Essexville-Hampton Public Schools				
EnglishReadingMathScience	•52.7%	•58.2%	•63.4%	•69.1%
	•37.3%	•45.8%	•42.7%	•51.5%
	•32.0%	•35.3%	•32.1%	•46.3%
	•22.7%	•28.8%	•26.7%	•30.9%
Pinconning Area Public Schools				
EnglishReadingMathScience	•46.9%	•54.2%	•50.8%	•58.8%
	•34.3%	•40.8%	•33.9%	•49.6%
	•21%	•30.8%	•28.8%	•34.4%
	•11.2%	•21.7%	•12.7%	•26.7%



Free and Reduced Hot Lunch Eligible - Fall 2012	Eligible	Percent
Bangor Township Schools	1,327	54%
Bay City Public Schools	3,432	38 %
Essexville-Hampton Public Schools	547	32%
Pinconning Public Schools	837	53%



Access to Health Care / Insurance Coverage in Bay County	2013
Uninsured Adults From County Health Rankings	14%
For more than one year	70%*
Never had insurance	7%*
Medicaid	12%*
Medicare	25%*
Bay Health Plan	1%*
Veterans Administration	I%*
*Information from the Bay County Phone Survey - 2011	



Health Indicators in Bay County - 2013		
Mental Health & Physician to Patient Ratio	Bay County Ratio	National Benchmark
Physician to Patient Ratio	1,737:1	1,067:1
Dentists to Patient Ratio	1,706:1	1,516:1

Health Behaviors in Bay County	2011	2012	2013
Percentage of Adult Population that Smokes	22%	24%	25%
Percentage of Mothers that Smoke while Pregnant	33.7%	Data N/A	Data N/A

Health & Education

Health Behaviors in Bay County	2011	2012	2013
Obesity in the population (Adult) County Health Rankings	32%	34%	34%
Obesity in the population (High School) MIPHY Survey	Data N/A	29%	Data N/A
Sufficient adult physical activity County Health Rankings	Data N/A	74%	74%
Routine checkups in the past year	Data N/A	Data N/A	Data N/A
Routine Dental visits	Data N/A	Data N/A	Data N/A
Excessive alcohol intake County Health Rankings	24%	23%	24%
Sexually Transmitted Diseases – Number of Cases in Bay County MDCH Communicable Diseases: Sexually Transmitted Diseases	367	329	Data N/A
Chlamydia	339	304	Data N/A
Gonorrhea	28	24	Data N/A
• Syphilis	0	I	Data N/A